

Fig. 1A

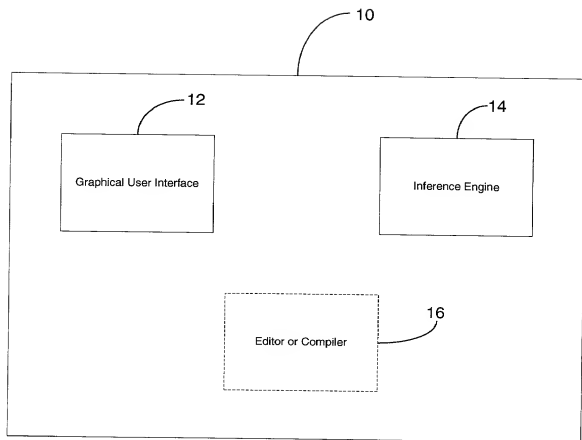
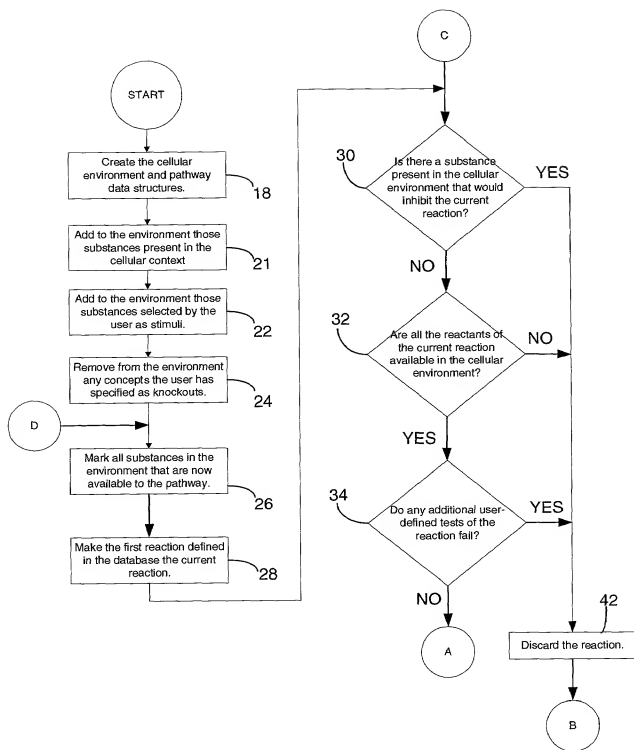


Fig. 1B

Fig. 2A



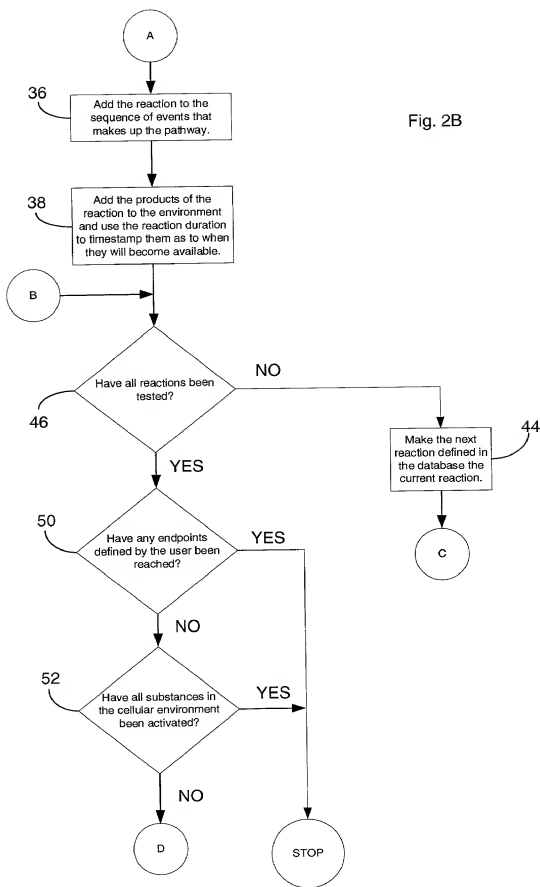


Fig. 2B

Fig. 2C

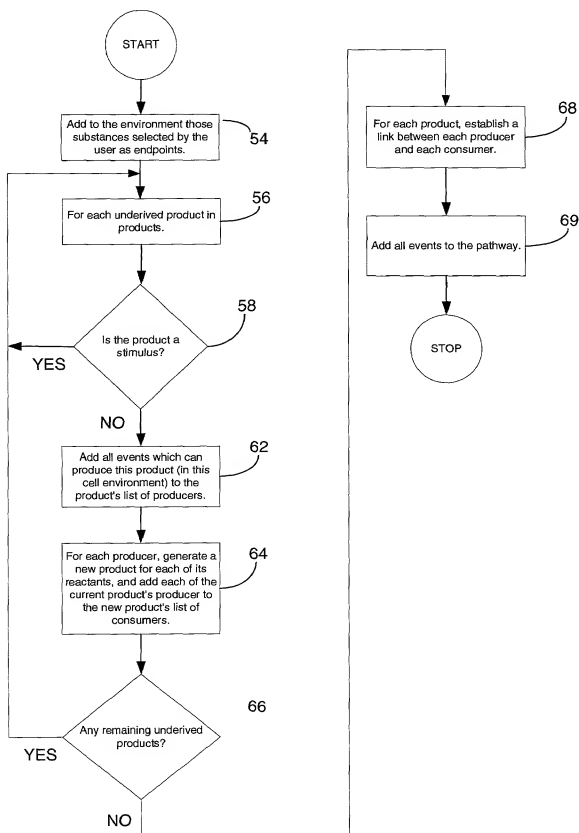


FIGURE 3

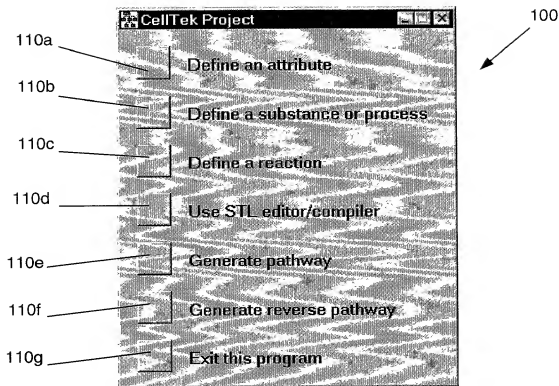


FIGURE 4A

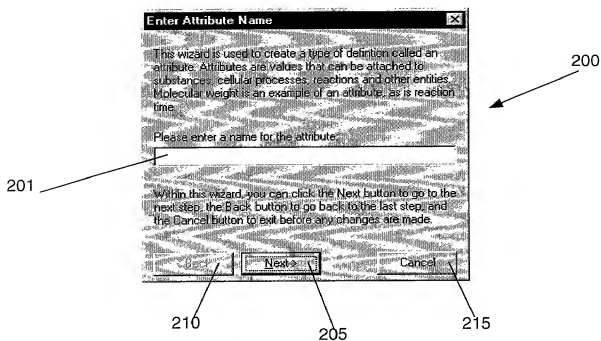


FIGURE 4B

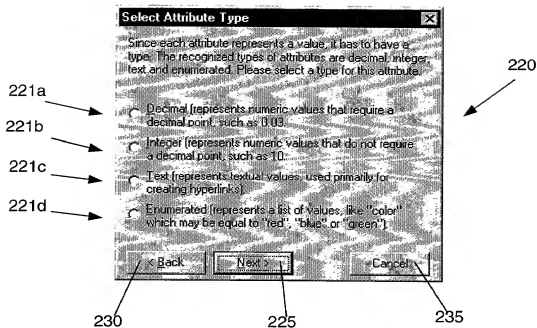


FIGURE 4C

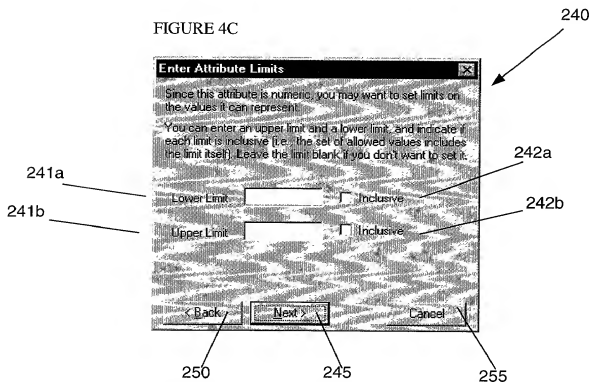


FIGURE 4D

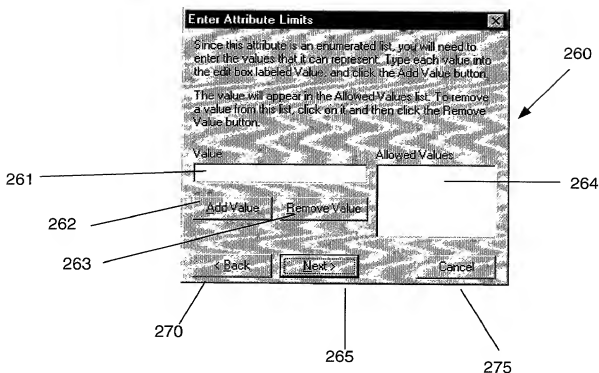


FIGURE 4E

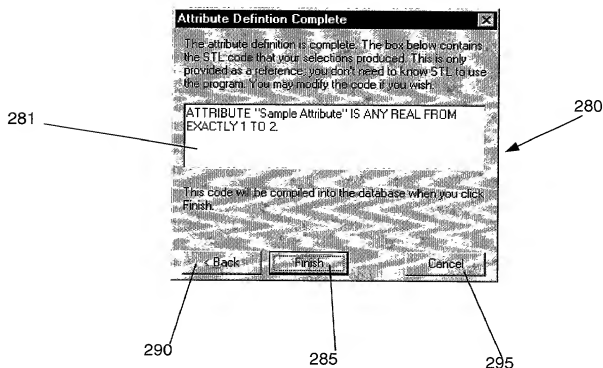




FIGURE 5A

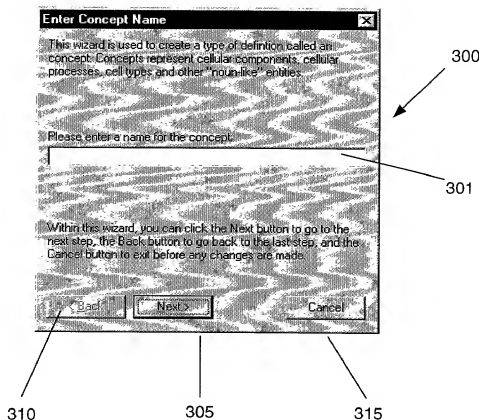


FIGURE 5B

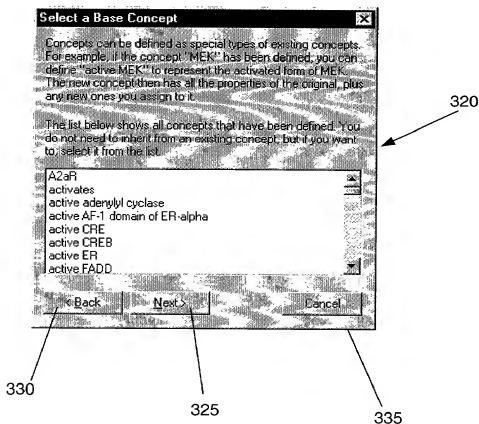


FIGURE 5C

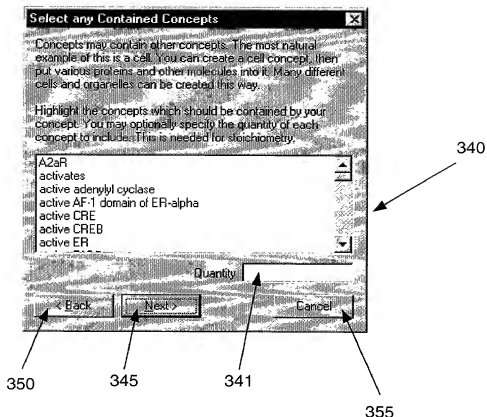


FIGURE 5D

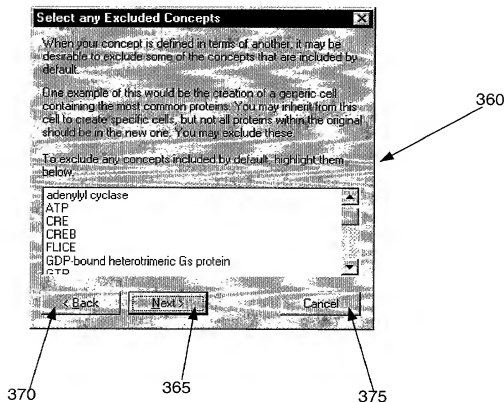


FIGURE 5E

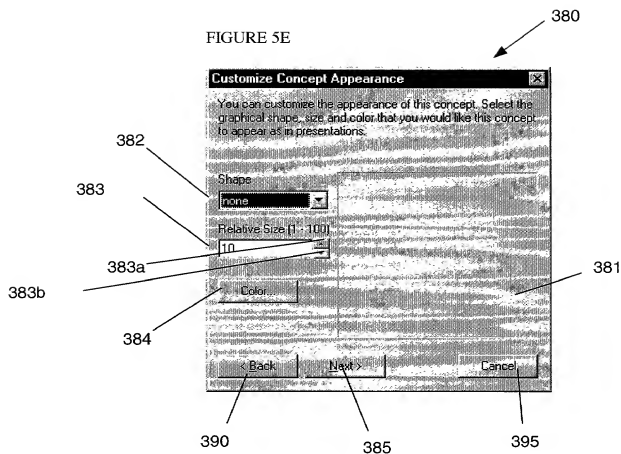


FIGURE 5F

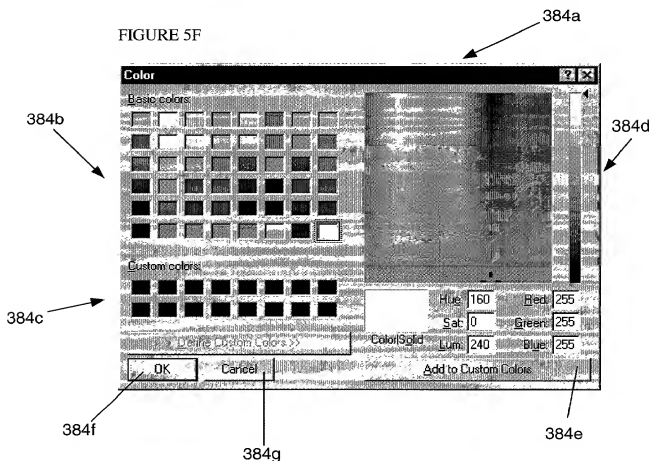


FIGURE 5G

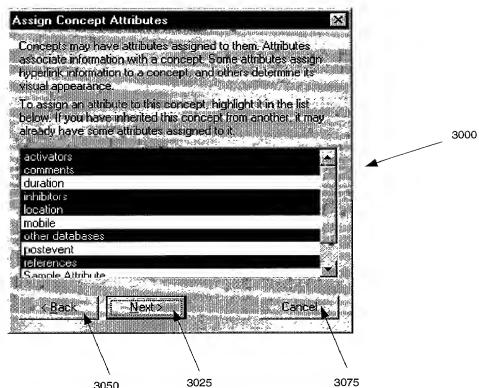


FIGURE 5H

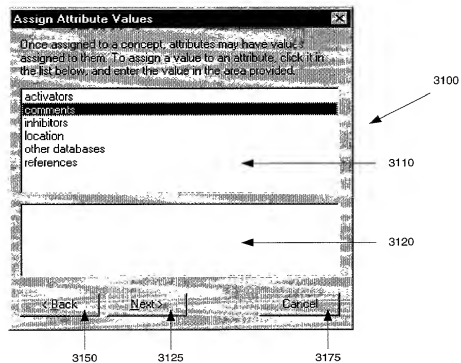


FIGURE 51

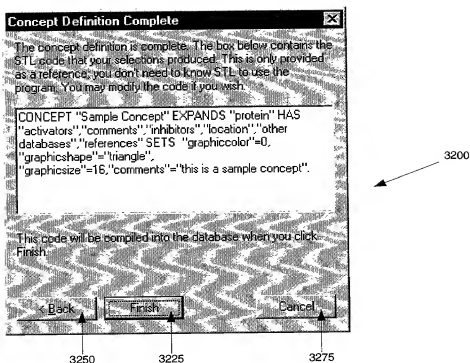


FIGURE 6A

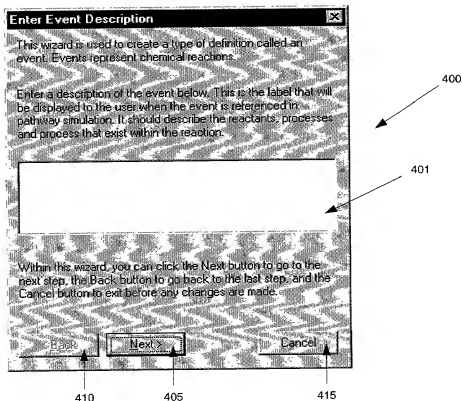


FIGURE 6B

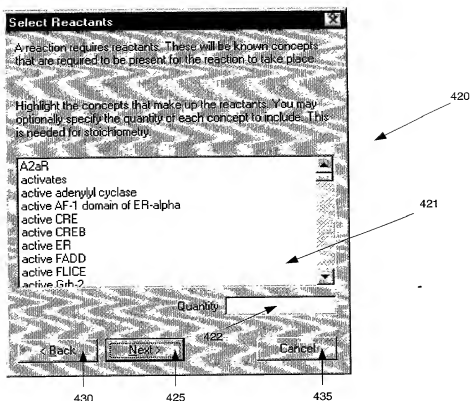


FIGURE 6C

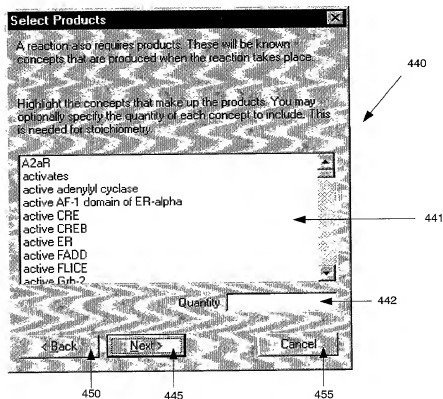


FIGURE 6D

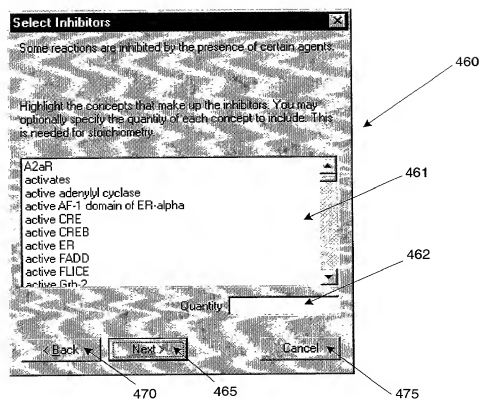


FIGURE 6E

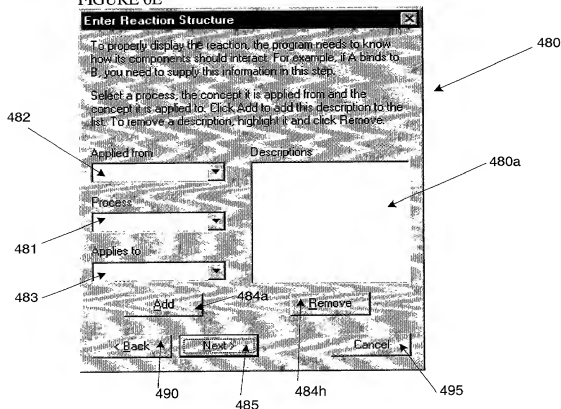


FIGURE 6F

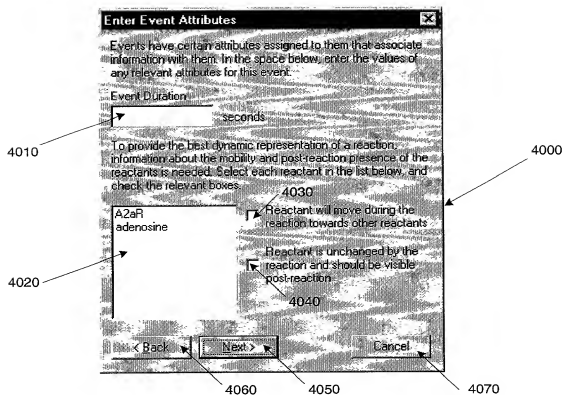


FIGURE 6G

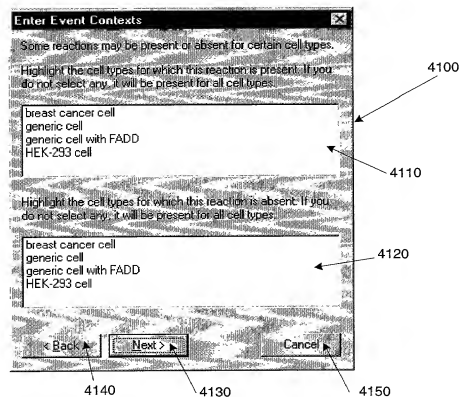




FIGURE 6H

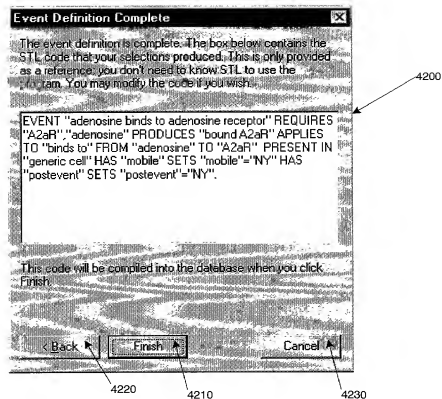


FIGURE 7

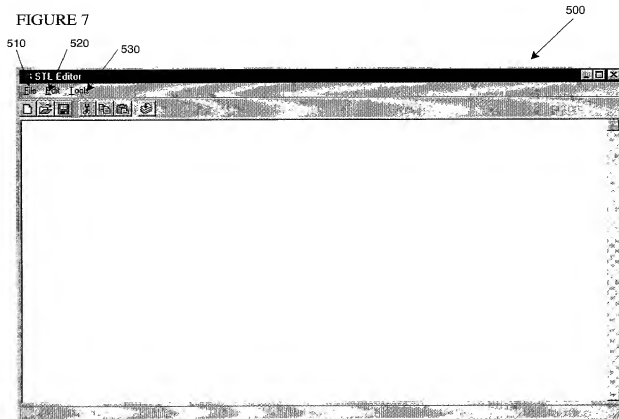


FIGURE 8A

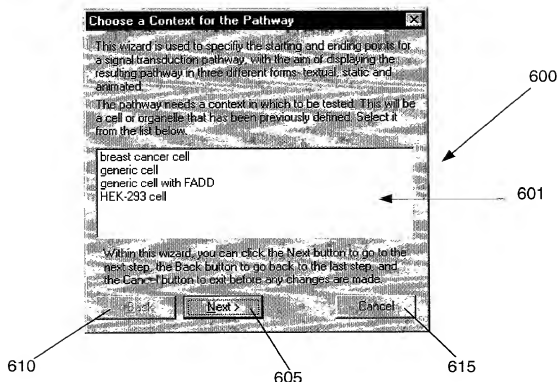


FIGURE 8B

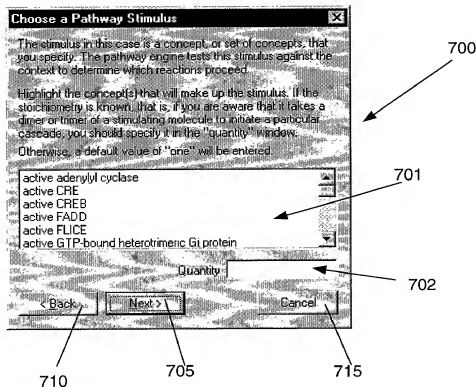


FIGURE 8C

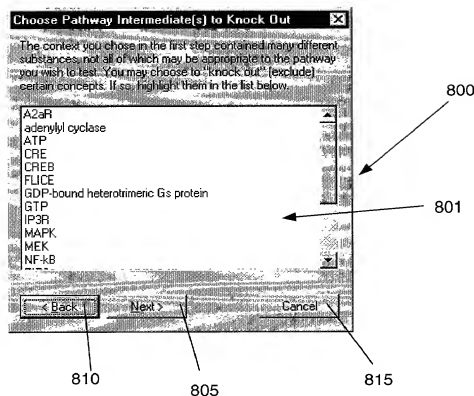


FIGURE 8D

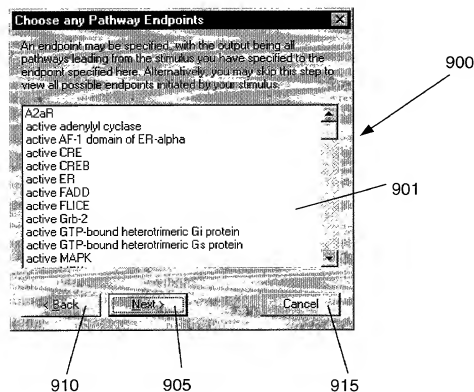


FIGURE 8E

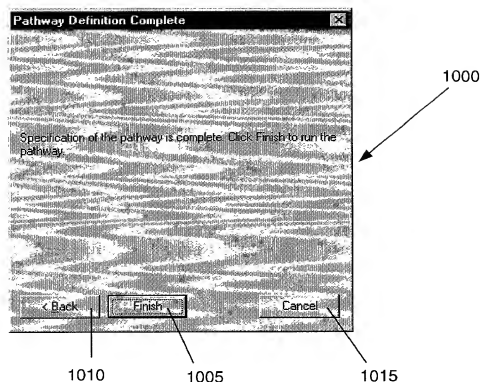


FIGURE 9

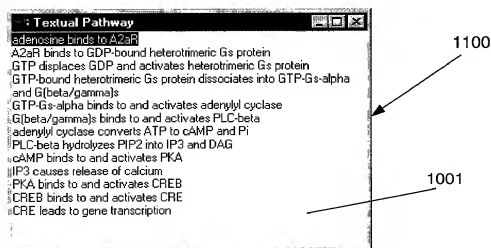


FIGURE 10A

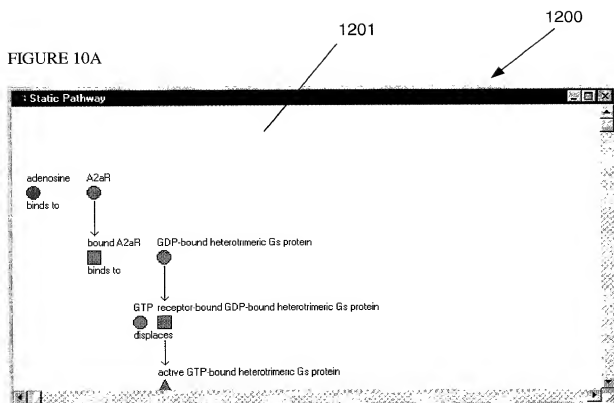


FIGURE 10B

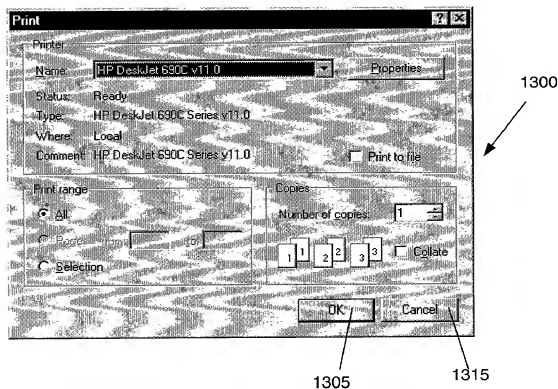


FIGURE 11

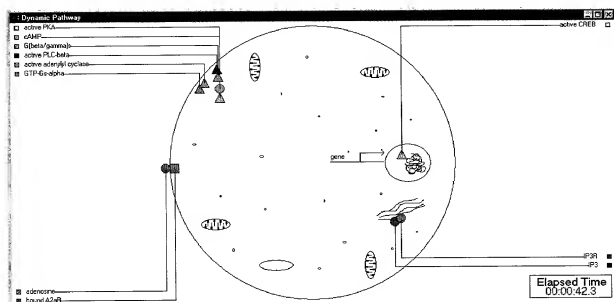
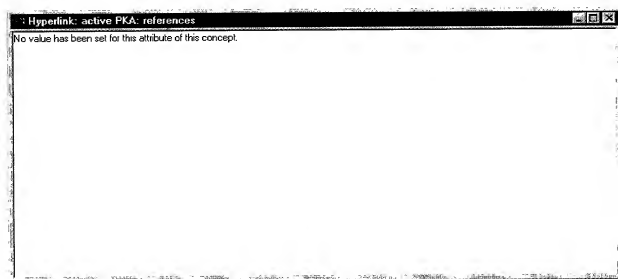


FIGURE 12

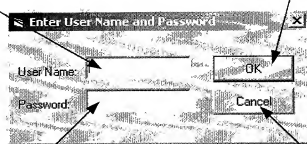


5101

Fig. 13

5102

5100

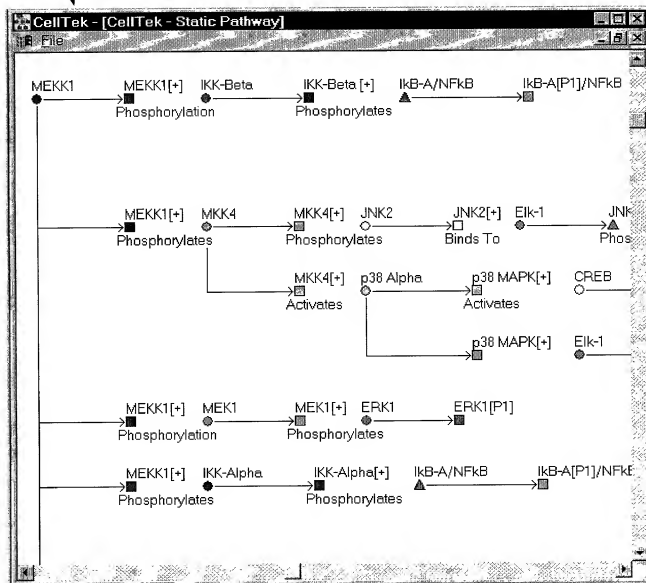


5110

5104

5103

Fig. 14



20000201.031201

Fig. 15

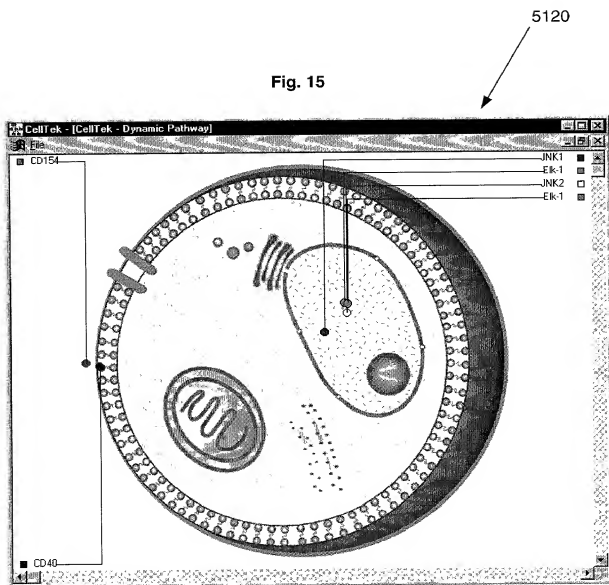




Fig. 16

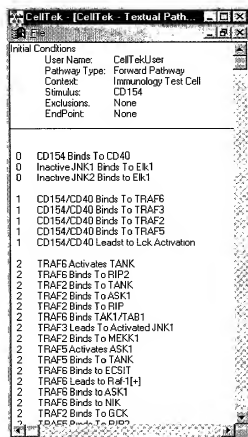
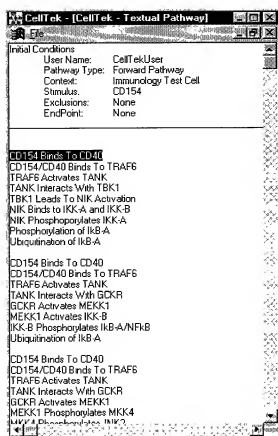


Fig. 17



5140

5130

Fig. 18

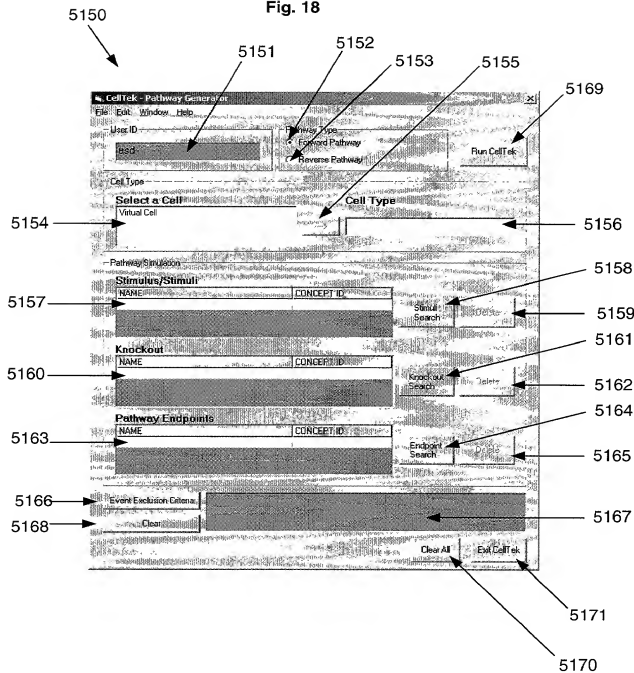


Fig. 19

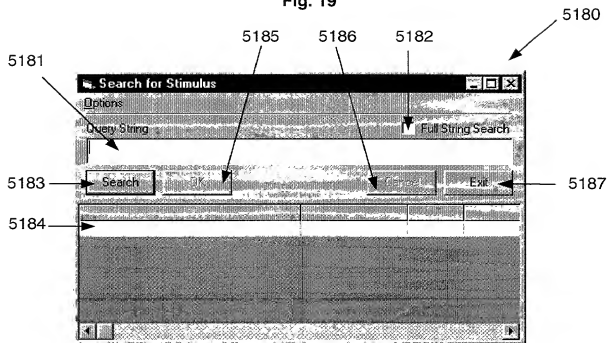


Fig. 20

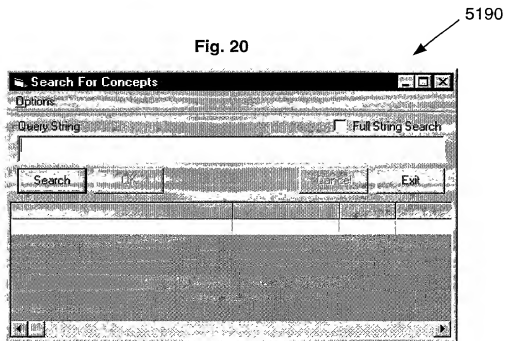


Fig. 21

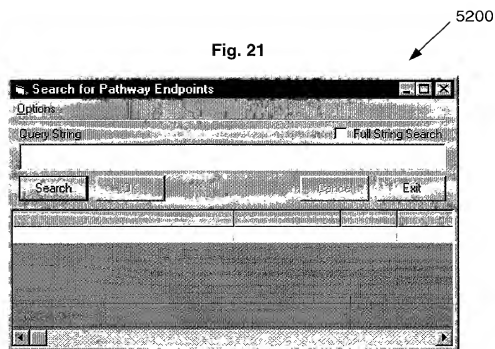


Fig. 22

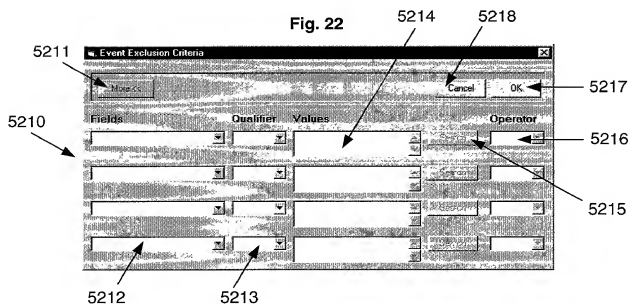


Fig. 23

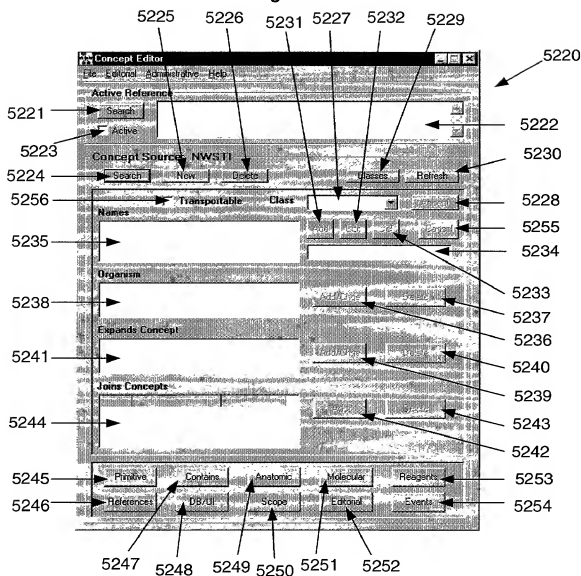


Fig. 24

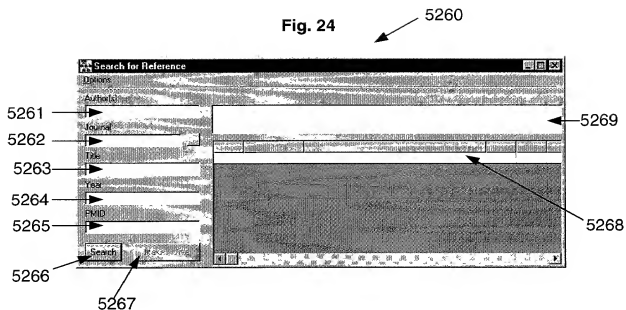


Fig. 25

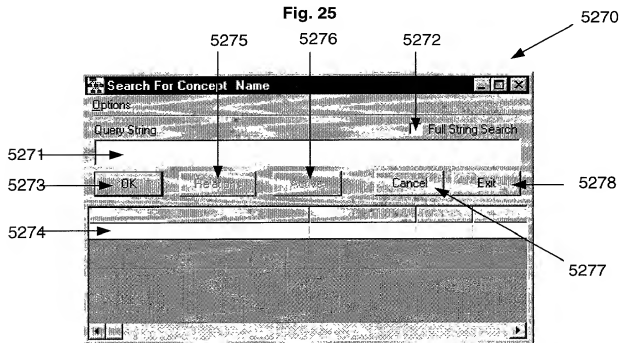


Fig. 26

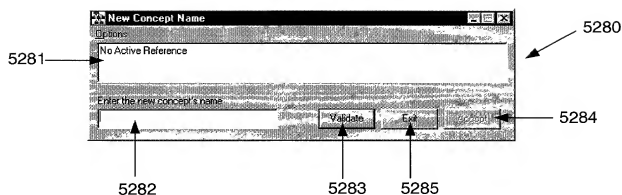


Fig. 27

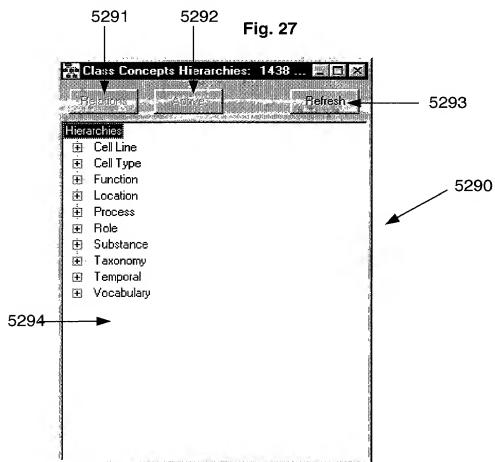


Fig. 28

Primitive Attributes: Concept "TRAF6/168P Complex"

Att. ID	Name	Val	
5	graphicshape	triangle	Add
6	graphicsize	10	Delete
7	graphiccolor	4210688	Refresh
11	stimulus	1	Exit

5300

Fig. 29

Contains - Excludes: Concept "Leukocyte"

Options: Search Refresh Exit

Contains Concepts

Excludes Concepts

Buttons: Add Delete

5310





Fig. 31

Anatomic Attributes: Concept "Phosphatidylinositol-3-OH-Kinase Family"

No Active Reference

Refresh

ID	REF ID	MOL CELL	STAGE	ORGAN	TISSUE
387	18				

New

Delete

Active ID:

Reference:

Developmental Stage:

Cell Line:

Organ:

Molecules per Cell:

Tissue:

Expression Defined By:

Cell Type:

Search

Cancel

Exit

5330

090291.031201

Fig. 32

5340

**Molecular Attributes: Concept "Phosphatidylinositol-3-OH Kinase Family"**

**Member Of Gene/Protein Family**

**Has A Prototype Homolog**

**Domains: Active ID 56**

☒ Domains ☐ Motifs ☐ Post-Translational Modifications ☐ Activated By ☐ Inhibited By

ID	DOMAIN NAME
56	Kinase Domain
57	PIK Domain

**References**

ID	JOURNAL	TITLE	Year	Vol	Iss
45	Annu Rev Bi	Phosphoinositide kinases.	1998	67	

Fig. 33

5350

**Reagents: Concept "Phosphatidylinositol-3-OH Kinase Family"**

No Active Reference

REF ID	NAME

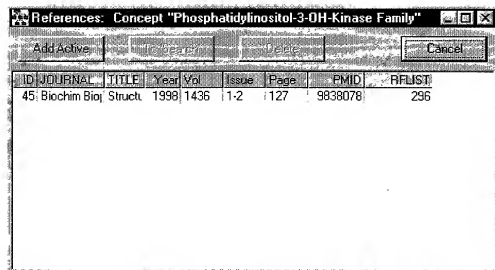
**Add**

**Delete**

**Exit**

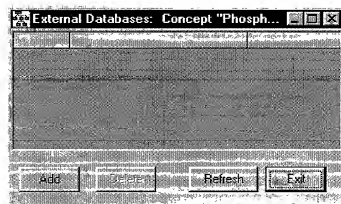
Fig. 34

5360



ID	JOURNAL	TITLE	Year	Vol	Issue	Page	PMID	RFLIST
45	Biochim Bio	Struct.	1998	1436	1-2	127	9838078	296

Fig. 35



5370



Fig. 38

The screenshot shows the 'Event Editor' window for the concept 'CD154, Protein'. The window is divided into several sections:

- Active Reference:** A section at the top left with a 'Refresh' button and a 'No Active Reference' status.
- Event:** A table listing events. The first event is '42 CD154 Binds To CD40' with a 'Test Event' button next to it. Below the table are buttons for 'New Event', 'Delete', and 'Search Events'.
- Names:** A section with 'Test Event' and 'Event Desc.' fields, an 'Edit' button, and a 'Cancel' button.
- Requires:** A section with a text input field and a 'Test' button.
- Produces:** A section with a text input field and a 'Test' button.
- Event Properties:** A section on the right with a 'Continuity Flag' checkbox, an 'Inhibited By' field, and a 'Search Events' button.
- Cellular Location:** A section with a text input field and a 'Test' button.
- Transportable Cellular Location:** A section with a text input field and a 'Test' button.

5405

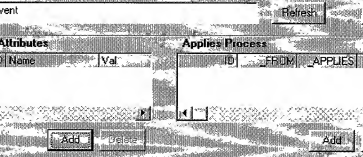
5400

Fig. 39

The screenshot shows the 'Search For Event Name' dialog box. It has a title bar with the text 'Search For Event Name'. Below the title bar is a section labeled 'Options' with a 'Query String' input field and a 'Full String Search' checkbox. At the bottom of the dialog are buttons for 'OK', 'Cancel', and 'Exit'. The main area of the dialog is empty, suggesting a search results list.

5410

5420



The screenshot shows a software interface for managing events. At the top, there is a title bar for a window titled "Event Attributes: Event 'Test Event'". Below this, the main window is divided into several sections:

- Event Name:** A text field containing "Test Event" and a "Refresh" button.
- Has Attributes:** A table with columns "ID", "Name", and "Val". It contains one row with "1" in the ID column. Below the table are "Add" and "Delete" buttons.
- Applies Process:** A table with columns "ID", "FROM", "APPLIES", and "TO". It contains one row with "1" in the ID column. Below the table are "Add" and "Delete" buttons.
- Tests Attributes:** A table with columns "ID", "ATT\_1", "CON\_1", "COMPARE", "ATT\_2", and "CON\_2". It contains one row with "1" in the ID column. Below the table are "Add" and "Delete" buttons.
- Modifies Attributes:** A table with columns "ID", "CONCEPT", "ATTRIBUTE", "OPERATOR", and "VALUE". It contains one row with "1" in the ID column. Below the table are "Add" and "Delete" buttons.

The interface is designed for defining the logical structure of an event, including its attributes and the processes it applies to.

Fig. 42

5430

Experimental Conditions: Event "Test Event"

Active Reference  
No Active Reference [Refresh] [Edit]

Experimental Conditions

EXP_ID	REF_ID	ASSAY_ID	ASSAY_REAGENT	ASSAY_BUFFER	ASSAY_TEMP	ASSAY_TEMP_UNITS	ASSAY_TEMP_UNITS_UNITS
--------	--------	----------	---------------	--------------	------------	------------------	------------------------

[New] [Delete]

Reference  
[Dropdown]

Assay Name  
[Dropdown] [Add] [Remove]

Sample Preparation Type  
[Dropdown] [Add] [Remove]

Assay Description: Processing/Procedure  
[Text Area] [Dropdown]

Assay Buffer  
[Dropdown] [Add] [Remove]

Fig. 43

5440

Excluded: Event "Test Event"

[Search] [Refresh] [Exit]

Excluded From

[Empty Area]